Gigaset Turtle (E630/E630A/E630H)

„The robust phone for the tough situations of every day life. “

USP:
Water splash, shock and dust resistance

Interface:	a/b (analogue)
Implementation:	HA/PBX
Standards:	DECT, GAP, HSP
Configuration:	connection of 1 external line
System:	cordless telephone for up to 6 handsets

Key Benefits:

- Resistant to shocks, dust and water (IP67 ???)
- Easy change between indoor and outdoor via profile key
- Vibra call
- Side key - easy volume control; R-key; comfortable PBX integration
- Support of Gigaset L410 “hands free CLIP”

Sound quality

- HSP™
- Hands free talking with brilliant sound quality – activated by handfree key
- Side key for easy volume control of handset sound (5 levels for handset earpiece volume and 5 levels in hands free mode)
- Ringer melodies with 5-tone adjustable volume settings, crescendo and on/off function via Profile key (Silence Profile)
- 30 selectable ringtones (handset)
- Separate Speaker for handset
- Selectable sound profile (2 choices)
- Headset connection (mono) via 2,5mm jack connector (headset not included)

Convenience – phoning essentials

Range

- Indoor range: up to 50 meters
- Outdoor range: up to 300 meters

Operation time

- Talk time: up to 12 hours t.b.d
- Standby time: up to 250 hours t.b.d

Phonebook and dialing

- Phone book with search function for up to 150 entries each
  - given name
  - family name
  - 3 numbers (home, office, mobile)
  - assignment as VIP with ringtone
  - birthday
- Jumbo Mode: Bigger dialing font (dialing preparation and incoming call)
- Dial preparation (input of phone numbers before connecting) with easy correction possibility
- Redialing of the 20 last different numbers, start via send button
- User-programmable speed-dial shortcuts using keys 2-9, 0
- Dialing: DTMF, Pulse, Flash (programmable)
- Automatic prefix dialing or provider selection

Receiving Calls

- Caller indication displayed via CLIP and CNIP[1)]
- Display, send key and Spot LED lighted
- Ringer animation in display
- Ringtone for VIP entries selectable
- Selectable ringer melodies
  - 30 selectable ringtones (mobile part)
  - 5 loudness levels + crescendo
- Individual ringer melody for internal calls
- No disturbance because of selectable automatic Day / Night switch of ringer volume of handset

Calls lists

- Display and illuminated message key signaling missed calls
- Comfortable access to missed calls list by dedicated, message key
- 3 separate calls lists (missed / incoming / outgoing) with 20 entries each saving calls with caller indication (CLIP / CNIP base station required) and time [1)] (CLIP / CNIP – dependent on base and net-service)
- Signaling of new calls in the caller list and AM list [2)] can be switched off
- Direct dialing out of the missed calls list

General additional features

- Plug & Play (unpack, connect the phone and conduct a call)
- Handset splash- dust and shock resistant (cleanable materials) IPxx tbd
- Comfortable integration with PBX via support of special PBX features
- Modern handset design with convenient size and proportions
- Up to date design language
- Comfortable dial and text editors
- Alarm clock with snooze function (5 times and selectable ringer melody)
- Baby Phone / room monitoring (selectable talk-back option)
- Direct Call functionality
- Date and time functions are protected against power failure
- Clock synchronization using CLIP information (country specific feature) [1)]
- Birthday reminder (via phone book)
- Next generation User interface on 1,8” TFT display
- Support of Net provider features via menu t.b.d.
- Base and charger wall mountable
- Support call signaling in loud surroundings
  - Vibracall
  - additional visual call signaling over pocket torches LED
- Pocket torch function t.b.d.

Display and menu features

Display

- Illuminated graphical color display (1,8" TFT-technology with 128x160 pixel, 6 lines, 65k color)
- Easy to use designed user interface; 2 colour schemes

Standby

- Selectable and settable by user: Idle mode or Screensaver
- Screensaver: digital or analogue clock; 3 pictures (e.g. use for picture on package to present colour display) t.b.d

In idle

- Display of date and time
- Display of state of battery life in different colors, handset name and signal strength / ECO mode
- Display of
  - Number of new calls
  - Number of new messages on AM (AM only)
  - Missed birthdays
- Soft keys for quick selection of functions

While conducting a call

- Display of call duration in talk mode

Menu

- Convenient menu for easy use in up to many languages (variable according to geographical region)
- Simple operation via colored icons and text based menu and soft keys

Keypad features

- Ergonomic keypad in high quality material
- 12 numeric keys
- Function keys
  - Send/hands free key (green LED)
  - End key (red LED)
  - Dedicated message key (red LED)
  - Keypad protection on/off via # key (long press)
  - Separate flash key (R) for easy connecting behind Pbx
  - Side key for easy volume control
  - Separate profile key for simple change between indoor and outdoor
    - loud surrounding:
      - besides pre adjusted extra loud ring tone and speaker volume
      - additional visual call signaling over pocket torches LED
      - simplified call acceptance about elbow (if e.g. hands are soiled or sticky)
    - quiet surrounding
      - the ring tone is reduced, the vibrator alarm activated and the standard conversation volume adjusted
    - personal settings:
      - activation of the adjusted ringtone volume, speaker volume and key tones
- 5 way Navigation key with center click for menu / ok
  - INT on left side of 5 way navigation key
  - Mute on right side of 5 way navigation key
  - Phone book at the bottom
  - Speaker level setting at the up
- 2 soft keys (can be selected individually)
- Illuminated keypad including navigation area
- Keypad illumination colour: amber

Messaging functions (SMS)[1)]

- For detailed feature contact the responsible International Variant Manager
- Sending/receiving of SMS with up to 612 characters [1)]
- Storage of 80 SMS with 160 characters t.b.d.
- Copy of telephone numbers from SMS to directory
- V-Card support: name and number can be taken over to directory

Accessories

- Handsets E630H and C430H
- Hands free CLIP Gigaset L410
- Headset via 2,5mm jack connector (e.g. Gigaset accessories)
- Charging cradle (not in all countries)
- Gigaset Repeater

Features with more than one handset

- Free internal calls between handsets
- 2 calls simultaneously (1 external, 1 internal)
- Phonebook transfer between handsets
- Ringing assigned to all or selected handsets for internal calls
- Internal transfer of external calls to another handset with prior consultation call
- 3 party conference (1 external / 2 internal participants) via internal recall or call-waiting
- Collective ringing on incoming external calls

Answering machine features

- Operation of the answering machine via handset
- Integrated answering machine with up to 59 minutes tbd recording time (for long play quality); up to 16 minutes recording time by using brilliant ADPCM quality
-
- Simple usage via handset
- User defined and predefined announcement (1 Individual announcement and 1 advisory announcement (170 Sec.))
- Time-controlled change between announcement and advisory message
- Announcement of date and time for each message by voice[2)]
- Recording time adjustable: unlimited, 1/ 2/ 3 minutes
- Call acceptance adjustable: immediately, automatic, after 10, 20, 30 Sec.
- Live listening of messages via handset
- Call pick up function to answer calls during message recording
- Display of new messages at the handset
- Remote listening of messages via
  - PIN-protected remote playback
- Recordings have unlimited protection against power failure
- Context sensitive menus for net-based operator features (conference etc.)

Fixed net operator features

- Support of provider features by use of Flash key, *key and # key

ECO DECT

- Up to 60% less energy consumption [2)] thanks to an energy-saving power supply
- ECO Mode - manual reduction of transmitting power by 80% [3)]
- ECO Mode Plus [4)] for 100% reduction of transmitting power of base station and all registered handsets
- Variable reduction of transmitting power according to distance between handset and base station

Technical data

Handset

- Standby time: up to 250 hours t.b.d
- Talk time: up to 12 hours t.b.d
- Battery: 2 x AAA (NiHM), 770 mAh
- Charging time: < 6h in Charger
- Indoor range: up to 50 meters
- Outdoor range: up to 300 meters
- Weight: 139 g (incl. Batteries)
- Dimensions H x W x D
  Handset: 154 x 52 x 30 mm

Base Station/AM-Base Station

- Power-saving 230 V switch-mode power supply
- Paging key on front of base station
- Wall mountable
- Connection of 1 external line
- Connection of up to 6 handsets
- Weight: 224 g
- Dimensions W x D x H
  Base / AM base station 117 x 115 x 47 mm

External charger

- Wall mountable
- Weight: 34 g
- Dimensions H x W x D
  Charger: 75 x 74 x 39 mm

Package contents

- 1 handset
- 1 stand alone base station
- 1 charger
- 1 handset back cover
- 1 belt clip
- 1 locking disc
- 1 sealing plug
- 2 standard AAA batteries (NiMH), 770 mAh
- 1 power supply unit
- 1 telephone cord
- 1 user manual

Other packages

- System
- Handset-Bundle
- AM System

Color

- black

Market Introduction

- Market launch in Q3 2013 (Germany)

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[1] If supported by Network Operator
[2] For Version with Answering Machine
[3] In comparison with conventional power supplies by switched mode power supply
[4] If more than 1 handsets are registered (approx. splitting the range)
[5] If all registered Handsets are supporting ECO Mode plus

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History of Changes

Version	Date	Author(s)	Remake
1.0	25.11.2011	Karl Fleischer	M0 Status: Document created
2.0	10.02.2012	Karl Fleischer	HDSP added PBX integration added profile key description
3.0	28.02.2012	Karl Fleischer	Calls list (missed calls) actualized
4.0	05.03.2012	Karl Fleischer	Sound quality ➔ HDSP (wideband) deleted (Info Thomas Ploeger) to HSP Chapter “Convenience” ➔ Range added Display: simple mode / expert mode deleted Call signaling in loud surroundings overworked Function keys overworked Accessories overworked AM: Simple usage via base ➔deleted ECO-DECT texts actualized to common wording Market launch ➔ Q3 Layout actualized
5.0	30.05.2012	Thomas Winter	Update and Synchronization with Coral Datasheet Changes are marked in red letters
6.0	30.5.2012	Thomas Winter	Weights and dimensions (Input of Klaus Tueshaus) added Input of Jürgen Naber and Wolfgang Menz added
6.0	04.06.2012	Thomas Winter	Comments from Jürgen Naber and colleagues inserted
7.0	09.07.2012	Thomas Winter	Update of SMS Feature; Deletion of ‘Longpress *-key function to turn ringer on/off

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